

**ABSTRACT OF THE DISCLOSURE**

A method of improving the yield and vigor of an agronomic plant involves treating plants such as soybeans and corn and/or their propagation material with a composition that includes an active agent, such as a diazole fungicide, a triazole fungicide, or a strobilurin-type fungicide, which has the capacity to improve the yield and/or the vigor of the plant in the absence of pest pressure by fungal plant pathogens. Formulations that contain a diazole fungicide, a triazole fungicide, or a strobilurin-type fungicide, and plants and plant propagation material, such as seeds, which have been treated by the novel method are also described.